

CLAIMS

1. A device for withdrawing cellulose pulp from a cylindrical storage tower (101) with an essentially plane bottom with a diameter at the bottom of the tower that exceeds 3 metres, which cellulose pulp is of medium consistency, having a pulp concentration of 8-14%, preferably 8-11%,
c h a r a c t e r i s e d i n that a pipe (102) is arranged through the wall of the storage tower (101), where the pipe lies arranged parallel to the bottom of the tower and directed towards the centre of the storage tower, where the pipe (102) has at one end an obliquely cut opening (103) that faces upwards in the tower, where the edges of the obliquely cut opening of the pipe (102) surround the centre of the tower, whereby the opening of the pipe coincides in one part with the centre of the tower and where the pipe is attached at its second end, externally to the tower (101), to an MC pump (105) with the aim of pumping out the cellulose pulp from the storage tower (101).
2. The device according to claim 1, c h a r a c t e r i s e d i n that the pipe (102) has a diameter that exceeds 0.4 metres, preferably one that exceeds 0.6 meters.
3. The device according to claim 1 or 2, c h a r a c t e r i s e d i n that the opening (103) has an angle (104) of opening that lies between 40° and 80°, preferably between 60° and 70°.
4. The device according to any one of claims 1-3, c h a r a c t e r i s e d i n that the pipe (102) lies parallel with the bottom of the tower (101) at a distance that is smaller than the diameter of the pipe.

5. A method for withdrawing cellulose pulp from a cylindrical storage tower (101) with an essentially plane bottom with a diameter at the bottom of the tower that exceeds 3 metres, which cellulose pulp is of medium consistency, having a pulp concentration of 8-14%, preferably 8-11%,
5 c h a r a c t e r i s e d i n that a pipe (102) with a diameter that exceeds 0.4 metres, preferably one that exceeds 0.6 metres, is arranged through the wall of the storage tower (101), where the pipe lies arranged parallel to the bottom of the tower and directed towards the centre of the storage tower, where the pipe (102) has at one end an obliquely cut opening (103) that
10 faces upwards in the tower, where the edges of the obliquely cut opening of the pipe (102) surround the centre of the tower, whereby the opening of the pipe coincides in one part with the centre of the tower and where the pipe (101) is attached at its second end externally to the storage tower (101) to
15 an MC pump (105) with the aim of pumping out the cellulose pulp from the storage tower (101).
6. The method according to claim 5, c h a r a c t e r i s e d i n that the opening (103) has an angle (104) of opening that lies between 40° and 80°,
20 preferably one that lies between 60° and 70°.
7. The method according to either claim 5 or 6, c h a r a c t e r i s e d i n that the pipe (102) lies parallel to the bottom of the tower (101) at a distance that is less than the diameter of the pipe.
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